

20071201.ba v04_n114.bam.20071201

>From ???@??? Fri Nov 30 18:00:48 2007 -0600
Date: Sat, 1 Dec 2007 00:00:05 GMT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 4114
Message-Id: <200712010000006.9368331A3C9@srvr1.theporch.com>

BOATANCHORS Digest 4114

Topics covered in this issue include:

- 1) RE: Hi voltage relays in older gear
by "Dr. James C. Garland" <4cx250b@muohio.edu>
- 2) RE: My first CQ WWDX Contest + A PUZZLE
by "Freeberg, Scott (STP)" <Scott.Freeberg@guidant.com>
- 3) AWA 1929 QSO Party the Next Two Weekends
by "Freeberg, Scott (STP)" <Scott.Freeberg@guidant.com>
- 4) RCA Model 74-B Microphone Question
by "Freeberg, Scott (STP)" <Scott.Freeberg@guidant.com>
- 5) Re: Hi voltage relays in older gear
by "K0DAN" <k0dan@comcast.net>
- 6) 3E29 tube question
by "vilgotch@bigpond.net.au" <vilgotch@bigpond.net.au>
- 7) Re: 3E29 tube question
by "Sandy" <ebjr37@charter.net>
- 8) I erred on the plate voltage for the SB 200
by "Herbert M. Rosenthal" <herbrose@comcast.net>
- 9) Re: 3E29 tube question
by "Roger Dillon" <rdillontx1@tx.rr.com>
- 10) Re: 3E29 tube question
by stuck in 50s <polepeeg@aa4rm.ba-watch.org>
- 11) Re: CQ WWDX Contest + A PUZZLE
by wb3fau@att.net
- 12) Re: CQ WWDX Contest + A PUZZLE
by "David Stinson" <arc5@ix.netcom.com>

From: "Dr. James C. Garland" <4cx250b@muohio.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Hi voltage relays in older gear
Date: Thu, 29 Nov 2007 08:50:31 -0700
Message-ID: <00e501c8329f\$92fbe630\$bd00a8c0@Garland>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Interesting story, Herb. (But I'm sure you didn't mean 3500V in an SB200!) I think Heathkit sold tens of thousands of SB200s, and many are still on the air. That and the venerable 30L-1 are the best mid-power amps ever made, in my opinion.

I remember that Overland Park Heathkit store, and I may even have been to their Washington Day's sale when I was visiting my folks who lived there. I believe Associated Radio is still in business there, though no longer run by Wade W0BC, or W0"Big Crook" as we used to call him. Wade was quite a colorful character (customer service was not his strong suit, to put it delicately) and for many years had a huge inventory of used Collins gear, most of which eventually ended up in Japan.

Jim W8ZR

-----Original Message-----

From: owner-boatanchors@theporch.com [mailto:owner-boatanchors@theporch.com]
On Behalf Of Herbert M. Rosenthal
Sent: Thursday, November 29, 2007 8:25 AM
To: Old Tube Radios
Subject: Hi voltage relays in older gear

Pursuant to Jim's story of the relay:

I bought a Heath SB200 linear kit at their Overland Park KS store after waiting most of the night in pretty cold weather for a Washington Day's sale years back (up by the TWA training center-remember?)....

Content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Subject: RE: My first CQ WWDX Contest + A PUZZLE
Date: Thu, 29 Nov 2007 10:14:25 -0600
Message-ID: <145A5150412546488A153A6EF64CD76C0AD74B@STPEVS01.ad.guidant.com>
From: "Freeberg, Scott (STP)" <Scott.Freeberg@guidant.com>
To: Old Tube Radios <boatanchors@theporch.com>

John K5MO scribbled: " ... I was wondering if I should be entering in = the Single Op Two Radio category, since I could hear SO much of the 40M = band at any given time with the Conar RX. "

New hams have to pay big money for rigs that do that. They buy a = YeaComWood FT-10,000,000 with built in spectrum analyzer to point out =

when someone makes a call 40 Khz down the frequency. With our Conar = 500's, we can be on our frequency and still hear that call 40 Khz down = the band... hi hi

One time I hooked up a Heathkit Q-Multiplier to the Conar 500 and it did = narrow up the bandwidth a bit. It knocked my passband down to +/- 20 = Khz .. har har har

Seriously though, the 500 is cute receiver and fun to listen on.

73, Scott WA9WFA
Owner of the Conar Blue Dust Twins

Content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Subject: AWA 1929 QSO Party the Next Two Weekends
Date: Thu, 29 Nov 2007 10:18:42 -0600
Message-ID: <145A5150412546488A153A6EF64CD76C0AD74C@STPEVS01.ad.guidant.com>
From: "Freeberg, Scott (STP)" <Scott.Freeberg@guidant.com>
To: Old Tube Radios <boatanchors@theporch.com>

The AWAs Bruce Kelly Memorial 1929 QSO Party will take place on the next = two weekends. The QSO Party gives us the chance to experience ham = radio as it was in the 1920's when you were darn lucky just to have a = signal at all, much less a good one. Most of the folks operating the = event are using homebuilt transmitters using 1920's designs like the = self excited Hartley oscillator, Colpitts, TNT (Tuned Not Tuned), TGTP = (Tuned Grid Tuned Plate), often a single tube like a type 10 or type 45, = and many with big copper tube wound coils.=20

Last year I think there were sixty 1929 stations participating, so you = can imagine the concatony of noises, buzzes, chirps, whoops, swishes, = etc.. I particularly enjoyed working a station who had a single tube = Hartley and an antenna that was swaying in a stiff breeze. The signal = had a beautiful wind modulation to it. Hope to work you.

I'll be on 80 with a type 27 Hartley oscillator driving a pair of 27's = in parallel, and on 40 meters with a new push pull Colpitts using a pair = of 10's. Hope to work you!

73, Scott WA9WFA=20

Objective: Work as many 1929 stations as possible using pre-1930=20

transmitters. Contact exchange consists of: RST, Name, QTH (State or Province such as ME, CA or BC), last two digits of the year of the transmitters design or publication, type of transmitter (such as Hartley, TNT, TPTG, MOPA & Colpitts), and power INPUT.

Dates and Times: Saturday December 1 through Sunday Dec. 2, and Saturday Dec. 8 through Sunday Dec 9. Starts at 2300Z (6:00 PM EST) Saturday night and finishes at 2300Z (6:00 PM EST) Sunday night both weekends.

Rules: Transmitters must be or have a 1929 or earlier self-excited self-controlled oscillator. Tubes must have been available during or before 1929. Participants are encouraged but not required to use straight keys. The contact will only count for scoring if made with another 1929 or earlier station.

Input Power: Transmitters are limited to a power INPUT of 10 watts or less. However, to help make East-West contacts, power may be increased to 20 watts INPUT between the hours of 0500Z (12 Midnight EST) and 1300Z (8 AM EST).

Frequencies: The QSO Party operates on both the 80 meter and 40 meter CW bands. The QSO Party tends to operate around 3550 to 3580 Kc.s and 7030 to 7060 Kc.s.

Logs: Mail your log to: Scott Freeberg WA9WFA, 327 Wildwood Avenue, White Bear Lake MN 55110 USA. If you wish to send a log via e-mail, please write to: wa9wfa at comcast dot net Please send in your log by January 15th. 73 es GL, Scott WA9WFA

Content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Subject: RCA Model 74-B Microphone Question
Date: Thu, 29 Nov 2007 10:22:50 -0600
Message-ID: <145A5150412546488A153A6EF64CD76C0AD74E@STPEVS01.ad.guidant.com>
From: "Freeberg, Scott (STP)" <Scott.Freeberg@guidant.com>
To: Old Tube Radios <boatanchors@theporch.com>

A buddy of mine recently acquired an RCA 77-DX and a Model 74B and sent some pictures. Holy moly, those are some beautiful microphones!!! He is using them with his DX-100 on AM and having a ball with them.

I'm wondering if anyone here has a Model 74B for sale. I'd like to pair

it up with my Valiant and 75A-4 AM station. Thanks.
73, Scott WA9WFA

Message-ID: <01a401c832bc\$b40e36d0\$6601a8c0@K0DAN>
From: "K0DAN" <k0dan@comcast.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Hi voltage relays in older gear
Date: Thu, 29 Nov 2007 13:15:16 -0600
MIME-Version: 1.0
Content-Type: text/plain;
format=flowed;
charset="iso-8859-1";
reply-type=original
Content-Transfer-Encoding: 7bit

Gents...

I'm not a KC native, but have lived in the area almost 30 years. I forgot about that Heath store! Visited it a few times but they never got any of my money (I always liked Heath stuff, but ended up buying other mfgs, usually used gear).

Associated is still there. Am not sure who runs it, but the guy(s) who are in the store are nice folks and work hard to build a good image/reputation. They are still trying to rebuild their reputation among locals who remember the bad practices of the prior owners.

Associated still has used gear there..I don't go there often, but when I do I have nostalgia with the used stuff, some of which looks pretty good and is pretty tempting. They also have a modest inventory of new stuff, as well as hardware, connectors, cable, publications, and stuff that is too "exotic" to show up in Rat Shack stores.

Sadly, there are no more surplus stores in the Kansas City area (as far as I know), so most hams in this area have to rely on hamfests (too few of them too), mail order, etc. I'm glad that Associated is still here for us, but the new world of online shopping, overnight freight, etc., etc., makes it hard for the small operators to compete.

Good memories...especially that recent link about Radio Row in NYC! I grew up out there as a kid (Novice in '62) and made many amazing trips to Houston Street to buy junk that was just too cool to pass up. Boy did I look stupid hauling all that iron thru subways and trains and taxis back to my home!

73
Dan
K0DAN

----- Original Message -----

From: "Dr. James C. Garland" <4cx250b@muohio.edu>

To: "Old Tube Radios" <boatanchors@theporch.com>

Sent: Thursday, November 29, 2007 9:50 AM

Subject: RE: Hi voltage relays in older gear

> Interesting story, Herb. (But I'm sure you didn't mean 3500V in an SB200!)

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> think Heathkit sold tens of thousands of SB200s, and many are still on the

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> their Washington Day's sale when I was visiting my folks who lived there.

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> colorful character (customer service was not his strong suit, to put it

> delicately) and for many years had a huge inventory of used Collins gear,

> most of which eventually ended up in Japan.

>

> Jim W8ZR

>

>

> -----Original Message-----

> From: owner-boatanchors@theporch.com

> [mailto:owner-boatanchors@theporch.com]

> On Behalf Of Herbert M. Rosenthal

> Sent: Thursday, November 29, 2007 8:25 AM

> To: Old Tube Radios

> Subject: Hi voltage relays in older gear

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> Pursuant to Jim's story of the relay:

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> I bought a Heath SB200 linear kit at their Overland Park KS store after

> waiting most of the night in pretty cold weather for a Washington Day's

> sale years back (up by the TWA training center-remember?)....

>

>

Message-ID: <21428381.1196384600426.JavaMail.root@web05ps>

Date: Fri, 30 Nov 2007 12:03:20 +1100

From: "vilgotch@bigpond.net.au" <vilgotch@bigpond.net.au>

To: Old Tube Radios <boatanchors@theporch.com>
Subject: 3E29 tube question
Mime-Version: 1.0
Content-Type: text/plain; charset=utf-8
Content-Transfer-Encoding: 7bit

Hi all,

I have some 3E29 tubes which are the pulse mode version of the 829B. My question is, what are the differences between them? Can the 3E29 be used in RF power amps or modulators in the same way as the 829B? If not, why not?

Enquiring minds want to know

73 de Morris VK3DOC

Message-ID: <002101c832f6\$2517a7b0\$88d3be42@gateway>
From: "Sandy" <ebjr37@charter.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 3E29 tube question
Date: Thu, 29 Nov 2007 20:10:14 -0600
MIME-Version: 1.0
Content-Type: text/plain;
 format=flowed;
 charset="utf-8";
 reply-type=original
Content-Transfer-Encoding: 7bit

The 3E29 is nothing more than a "pulse rated" 829B. Don't know what the actual difference is but they look identical and we used to use them in the old Collins ARC-27 UHF aircraft radio as a modulator tube. For some reason USAF stock on 829B's was scarce and the 3E29 was easy to get, so we used them instead.

There might be a problem if the 829B was used as a 3E29, but I know they worked well at audio frequencies for sure!

73,

Sandy W5TVW
----- Original Message -----
From: <vilgotch@bigpond.net.au>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Thursday, November 29, 2007 7:03 PM
Subject: 3E29 tube question

> Hi all,
>
> I have some 3E29 tubes which are the pulse mode version of the 829B. My
> question is, what are the differences between them? Can the 3E29 be used
> in RF power amps or modulators in the same way as the 829B? If not, why
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>
> 73 de Morris VK3DOC
>
>
>
> --
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.503 / Virus Database: 269.16.10/1159 - Release Date:
> 11/29/2007 11:10 AM
>
>

Message-ID: <474F8A3F.2090007@comcast.net>
Date: Thu, 29 Nov 2007 20:57:51 -0700
From: "Herbert M. Rosenthal" <herbrose@comcast.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: I erred on the plate voltage for the SB 200
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Jim caught me-the voltage was supposed to be 2400, not 3500, on the
meter-a bit less when measured with an accurate bench meter. I'm pretty
sure of this.

Good thing we can keep each other honest -and accurate :-). Thanks, Jim.
Herb W5AN
Albuquerque

PS But as a kid I ran an oil-cooled metal 6L6 with about 600 volts on
the plate. I had one xtal on 3742 kc-a round Bliley that cost me \$2 -3
bucks. In a Maxwell House coffee can with motor oil; the oil got pretty
hot with key down. Worked a gazillion East Coast stations from Syracuse
with it-teenage hams are fearless! Or at least they used to be... no one
told us we couldn't do something, so we did it. That xtal rig and a
BC312 (\$35 as a loan from Dad) with a death-defying power supply jammed
into the dynamotor space, was my rig for many years.

Now the present ham freaks out at anything over 12 volts.

Message-ID: <DACD6D962809448B942426868620F2E9@rogerPC>
From: "Roger Dillon" <rdillontx1@tx.rr.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 3E29 tube question
Date: Thu, 29 Nov 2007 21:59:21 -0600
MIME-Version: 1.0
Content-Type: text/plain;
 format=flowed;
 charset="utf-8";
 reply-type=response
Content-Transfer-Encoding: 7bit

This answers one question I had.

Someone gave a a HB 90 watt 6 meter transverter at the Azle hamfeast. I was wondering about that 3E29 tube in the PA section.

Thanks

Roger

N5PGH

----- Original Message -----
From: "Sandy" <ebjr37@charter.net>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Thursday, November 29, 2007 8:10 PM
Subject: Re: 3E29 tube question

> The 3E29 is nothing more than a "pulse rated" 829B. Don't know what the
> actual difference is but they look identical and we used to use them in
> the old Collins ARC-27 UHF aircraft radio as a modulator tube. For some
> reason USAF stock on 829B's was scarce and the 3E29 was easy to get, so we
> used them instead.

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> There might be a problem if the 829B was used as a 3E29, but I know they
> worked well at audio frequencies for sure!

>

> 73,

>

> Sandy W5TVW

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> From: <vilgotch@bigpond.net.au>

> To: "Old Tube Radios" <boatanchors@theporch.com>

> Sent: Thursday, November 29, 2007 7:03 PM

> Subject: 3E29 tube question

>

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>> 73 de Morris VK3DOC
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>> --
>> No virus found in this incoming message.
>> Checked by AVG Free Edition.
>> Version: 7.5.503 / Virus Database: 269.16.10/1159 - Release Date:
>> 11/29/2007 11:10 AM
>>
>>
>

Date: Fri, 30 Nov 2007 07:56:12 -0500 (EST)
From: stuck in 50s <polepeeg@aaa4rm.ba-watch.org>
Message-Id: <200711301256.1AUCuCV9023513@fracas.netboobie.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 3E29 tube question

> difference betw. 829B & 3E29

- 3E29 documented as 'pulse rated' 829B

Right. Pulse rating usually means better insulation & tougher cathode enabling huge current pulses.

I've wanted to do a side-by-side on both for the 1st time examining for difference in cathode connection tabs. Only learned the tougher cathode stunt in last decade.

I ran one on 6m as a kid using '53 Radio Hbk 7C5-7C5-829B art'l. Worked fb & ran up 36 states summer '56. 100w input & straining 6L6s for modulation.

Thot I was getting away with something using cheaper 'radar 829b.'

'rm

From: wb3fau@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: CQ WWDX Contest + A PUZZLE
Date: Fri, 30 Nov 2007 16:57:12 +0000
Message-Id:
<113020071657.24277.475040E800032A3A00005ED522218801869B0A02D29B9B0EBF9A0E00CC0D99@att.net>

Sorry fellas, there a BIG difference between cool old receivers and women.
For one thing, we can make neat mods to junky receivers, and make them work
a lot better, try that trick on a woman? [yea right] Russ.

Message-ID: <001c01c833a4\$d59f7730\$6401a8c0@boudreaux>
From: "David Stinson" <arc5@ix.netcom.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: CQ WWDX Contest + A PUZZLE
Date: Fri, 30 Nov 2007 17:00:39 -0600
MIME-Version: 1.0
Content-Type: text/plain;
format=flowed;
charset="iso-8859-1";
reply-type=original
Content-Transfer-Encoding: 7bit

> Sorry fellas, there a BIG difference between cool old receivers and
> women.
> For one thing, we can make neat mods to junky receivers,
> and make them work a lot better, try that trick on a woman?

Well,
both of them will bite you if you twiddle their knobs just right...

End of BOATANCHORS Digest 4114
